

Title (en)

Apparatus and method for blasting metallic surfaces.

Title (de)

Vorrichtung und Methode zur Druckstrahlreinigung von metallischen Oberflächen.

Title (fr)

Dispositif et méthode pour nettoyer par jet sous pression de surfaces métalliques.

Publication

**EP 0568315 A1 19931103 (EN)**

Application

**EP 93303275 A 19930427**

Priority

US 87528092 A 19920428

Abstract (en)

The method of treating the surfaces of aluminium alloy cylinder bores (2) or other objects by blasting the surfaces with extremely high pressure water jets (7) at pressures of at least 173 MPa (25,000 psi) for preparing the surfaces of such bores or other objects for subsequent treatments such as coating with wear-resistant materials (40). <IMAGE>

IPC 1-7

**C23C 4/02**

IPC 8 full level

**B23P 17/00** (2006.01); **B24C 1/06** (2006.01); **B24C 5/02** (2006.01); **C23C 4/02** (2006.01); **F02F 1/00** (2006.01)

CPC (source: EP)

**C23C 4/02** (2013.01)

Citation (applicant)

- US 5080056 A 19920114 - KRAMER MARTIN S [US], et al
- US 5067285 A 19911126 - HILBRANDS MARTIN J [US]

Citation (search report)

- [YD] US 5080056 A 19920114 - KRAMER MARTIN S [US], et al
- [YD] US 5067285 A 19911126 - HILBRANDS MARTIN J [US]
- [Y] CH 677897 A5 19910715 - EDI MARK
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 428 (M-762)11 November 1988 & JP-A-63 162 160 ( SUMITOMO METAL IND LTD )
- [A] DATABASE WPIL Section Ch, Week 8648, 15 October 1986 Derwent Publications Ltd., London, GB; Class M13, AN 86-314327 & JP-A-61 231 155 (YOSHIKAWA KOGYO KK)

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WO2021001778A1; DE102009049323A1; DE202017102179U1; EP2327512A1; DE102009055679A1; EP1308227A1; EP0704270A1; EP0903422A1; EP0750054A1; EP0707091A1; CN104080577A; CN105277484A; EP0727504A3; US5770273A; DE102009019674B4; DE4419276A1; EP0685574A3; DE102019117851A1; EP0704271A1; US5648122A; CN112309278A; FR2758284A1; DE102009049323B4; US6739377B2; US8209831B2; WO2007087989A1; EP2246457A1; DE102009019674A1; US6976419B1; US9056387B2; TWI753768B; WO0132352A1; WO2013115996A1; WO2011044979A1; WO2018189179A1; US10145331B2

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DOCDB simple family (application)

**EP 93303275 A 19930427**; CA 2094954 A 19930427; DE 69311626 T 19930427; JP 11661993 A 19930421